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INFORMATION DISCLOSURE STATEMENT		Atty Dkt: 3504.290	Serial No. 10/030,214
Title: Chemical Synthesis and Use of Soluble Membrane Protein Receptor Domains		Applicant: KOCHENDOERFER, Gerd, G.	
		Filing Date: 09 March 2000	Group

U.S. PATENT DOCUMENTS

Initial		Patent Number	Issue Date	Inventor Name	Class	Sub-Class	Filing Date
CLAS	AA1	5,462,856	31-Oct-1995	Lerner <i>et al.</i>	435	721	16-Jul-1991
↓	AB1	5,726,290	10-Mar-1998	Bodary <i>et al.</i>	530	350	19-May-1998
↓	AC1	5,783,402	21-Jul-1998	Konig <i>et al.</i>	435	721	01-Jul-1996
↓	AD1	5,837,486	17-Nov-1998	Bodary <i>et al.</i>	435	69.1	19-May-1995

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		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
CLAS	AL1	WO 95/03321	02-Feb-1995	PCT	C07K	1/13	
↓	AM1	WO 98/56807	17-Dec-1998	PCT	C07K	1/02	
↓	AN1	WO 00/53624	14-Sep-2000	PCT	C07K	1/00	

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CLAS	AR1	✓	Bobovnikova, Y. <i>et al.</i> , "Characterization Of Soluble, Disulfide Bond-Stabilized, Prokaryotically Expressed Human Thyrotropin Receptor Ectodomain," <i>Endocrinology</i> (1995) 138:588-593
↓	AS1	-	Bozon, V. <i>et al.</i> , "Influence Of Promoter And Signal Peptide On The Expression And Secretion Of Recombinant Porcine LH Extracellular Domain In Baculovirus/Lepidopteran Cells Or The Caterpillar System," <i>J. Mol. Endocrinol.</i> (1995) 14:277-284
↓	AT1	✓	Cao, Y.J. <i>et al.</i> , "The Amino-Terminal Fragment Of The Adenylate Cyclase Activating Polypeptide (PACAP) Receptor Functions As A High Affinity PACAP Binding Domain," <i>Biochem Biophys Res. Commun.</i> (1995) 212(2):673-680
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↓	AS2	✓	Cornish, V.W., <i>et al.</i> , "Site-Specific Incorporation Of Biophysical Probes Into Proteins," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 2910-2914, April 1994

Examiner: <i>William H. Chalk</i>	Date Considered: 1-10-06
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↓	AT2	/	Couvineau, A. <i>et al.</i> , "Highly Conserved Aspartate 68, Tryptophane 73 And Glycine 109 In The N-Terminal Extracellular Domain Of The Human VIP Receptor Are Essential For Its Ability To Bind VIP," Biochem. Biophys. Res. Comm. (1995) 206:246-252				
↓	AR3	/	DeAlmeida, V.I. <i>et al.</i> , "Identification Of Binding Domains Of The Growth Hormone-Releasing Hormone Receptor By Analysis Of Mutant And Chimeric Receptor Proteins," Molecular Endocrinology (1998) 12:750-765				
↓	AS3	/	Gether, U. <i>et al.</i> , "Fluorescent Labeling Of Purified Beta 2 Adrenergic Receptor. Evidence For Ligand-Specific Conformational Changes," J. Biol. Chem. (1995) 270:28268-28275				
↓	AT3	/	Kim, J. <i>et al.</i> , "Topological Disposition Of Cys 222 In The Alpha-Subunit Of Nicotinic Acetylcholine Receptor Analyzed By Fluorescence-Quenching And Electron Paramagnetic Resonance Measurements," Biochemistry (1998) 37:(13):4680-4686				
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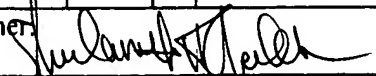
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↓	AS4	✓	Muir, T.W., <i>et al.</i> , "Design and Chemical Synthesis of a Neoprotein Structural Model for the Cytoplasmic Domain of a Multisubunit Cell-Surface Receptor: Integrin, (Platelet GPIIb-IIIa)," Biochemistry, Vol. 33, No. 24, 1994, pp 7701-7708
↓	AT4	✓	Turcatti, G., <i>et al.</i> , "Probing the Structure and Function of the Tachykinin Neurokinin-2 Receptor through Biosynthetic Incorporation of Fluorescent Amino Acids at Specific Sites," Journal of Biological Chemistry, Vol. 271, No. 33, Issue of August 16, pp.19991-19998, 1996
↓	AR5	✓	Wilken, J. <i>et al.</i> , "Chemical Protein Synthesis," Curr. Opin. Biotech. (1998) 9(4):412-426
↓	AS5	✓	Willshaw, A. <i>et al.</i> , "Over-Expression Of The N-Terminal Domain Of The Glucagon-Like Peptide-1 Receptor In Escherichia coli," Biochemical Society Transactions (1998)26:S288

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↓	AR7	/	Wilmen, A. <i>et al.</i> , "Five Out Of Six Tryptophan Residues In The N-Terminal Extracellular Domain Of The Rat GLP-1 Receptor Are Essential For Its Ability To Bind GLP-1," Peptides (1997) 18:301-305				
↓	AS7	/	Wilmen, A. <i>et al.</i> , "The Isolated N-Terminal Extracellular Domain Of The Glucagon-Like Peptide-1 (GLP)-1 Receptor Has Intrinsic Binding Activity," FEBS Letters (1996) 398:43-47				
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